

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



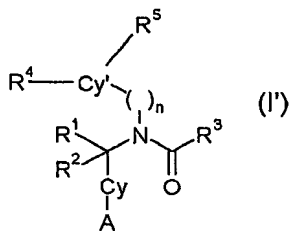
(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
**WO 2005/012280 A1**

- (51) International Patent Classification<sup>7</sup>: **C07D 319/08**,  
C07C 233/54, C07D 213/82, A61K 31/192, 31/4402,  
31/4406, 31/194, 31/381, A61P 3/00, 29/00
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- (21) International Application Number:  
PCT/EP2004/051557
- (22) International Filing Date: 20 July 2004 (20.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03102235.3 21 July 2003 (21.07.2003) EP  
60/517,993 6 November 2003 (06.11.2003) US
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- (81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report  
— before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments
- For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: **ALKYNYL ARYL CARBOXAMIDES**



(57) Abstract: The present invention is related to alkynyl aryl carboxamides of Formula (I') and use thereof for the treatment and/or prevention of an inflammatory disorder, obesity and/or metabolic disorders mediated by insulin resistance or hyperglycemia, comprising diabetes type I and/or II, inadequate glucose tolerance, insulin resistance, hyperlipidemia, hypertriglyceridemia, hypercholesterolemia, polycystic ovary syndrome (PCOS). In particular, the present invention is related to the use of alkynyl aryl carboxamides of Formula (I') to modulate, notably to inhibit the activity of PTPs. (I') A is a C<sub>2</sub>-C<sub>15</sub> alkynyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl aryl, C<sub>2</sub>-C<sub>6</sub>-alkynyl heteroaryl. Cy is an aryl, heteroaryl, cycloalkyl or heterocycle group; n is either 0 or 1. Cy' is an aryl, which may optionally be fused by a 3-8 membered cycloalkyl. R<sup>1</sup> and R<sup>2</sup> are independently from each other selected from the group consisting of H, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkyl, carboxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>3</sub> alkyl carboxy, C<sub>2</sub>-C<sub>3</sub> alkenyl carboxy, C<sub>2</sub>-C<sub>3</sub> alkynyl carboxy, amino or R<sup>4</sup> and R<sup>5</sup> may form an unsaturated or saturated heterocyclic ring, whereby at least one of R<sup>4</sup> or R<sup>5</sup> is not a hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl.